

Datasheet for ABIN870660  
**anti-MTHFR antibody (AA 369-383)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	MTHFR
Binding Specificity:	AA 369-383
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MTHFR antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	MTHFR (aa369-383)
Immunogen:	Peptide with sequence C-SRPKSYIYRTQEWDE, from the internal region of the protein sequence according to NP_005948.3.
Sequence:	SRPKSYIYRT QEWDE
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

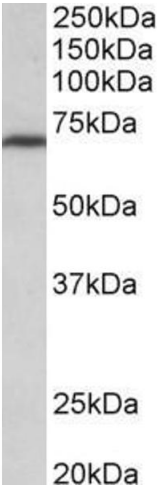
Target:	MTHFR
Alternative Name:	MTHFR ( <a href="#">MTHFR Products</a> )
Background:	MTHFR, methylenetetrahydrofolate reductase (NAD(P)H), 5,10-methylenetetrahydrofolate reductase (NADPH), OTTHUMP00000002367, OTTHUMP00000002373, methylenetetrahydrofolate reductase
Molecular Weight:	74.6kDa
Gene ID:	4524, 17769, 362657
NCBI Accession:	<a href="#">NP_005948</a>
Pathways:	<a href="#">Methionine Biosynthetic Process</a>

## Application Details

Application Notes:	Western Blot: Approx 70 kDa band observed in lysates of cell line NIH3T3 (calculated MW of 74.6 kDa according to Human NP_005948.3 and Mouse NP_034970.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN870660 (0.3µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.